

Rio Tinto Kennecott
4700 Daybreak Parkway
South Jordan, Utah 84095
801-204-2128 (o)

Chris Kaiser
Manager - Environment

25 August 2014

VIA HAND DELIVERY AND EMAIL

Mr Paul Baker, Minerals Program Manager
Division of Oil, Gas & Mining
Utah Department of Natural Resources
P.O. Box 145801
Salt Lake City, Utah 84114 - 5801

**Subject: M/035/0002 – Bingham Canyon Mine
Notice of Activity – South End Waste Rock Placement**

Dear Mr. Baker:

This letter serves as notification of activity (NOA) at Bingham Canyon Mine. As discussed in previous conversations with the Utah Division of Oil Gas and Mining (UDOGM), Rio Tinto Kennecott (RTK) is placing approximately 25 million tons of newly mined waste rock along the toe of the existing dump facility, specifically an area known as the south dumps. The activity will ultimately disturb approximately 250 acres. This activity, in addition to providing the mine with waste rock placement capacity, is designed to facilitate reclamation activities and enhanced storm water management in the affected drainages.

The south dump drainages impacted by this mining activity are Yosemite, Saints Rest, South Saints Rest, and Castro. The sequence of sub activities is outlined as follows:

- Storm water basin construction (in sequence with soil salvage activities);
- Top soil salvage and stockpiling prior to waste rock placement;
- Constructing a ramp from Burma haul road into Yosemite drainage;
- End dump placement of mine waste rock to a bench elevation of 6390 feet;
- Construction of storm water detention basins atop newly-placed waste rock and associated down drains;
- Relaxing of the face of the newly placed waste rock to an overall 2.5:1 slope (toe to crest);
- Installation of a permanent storm water surface conveyance system on the reclaimed slopes;
- Reclamation of relaxed slopes (placement of soil and re-vegetation).

An aerial view of the project area is provided in Figure 1: Location of South Dump Activities.

RTK has incorporated the following design criteria into the newly placed waste rock and reclamation activities that also align with the reclamation practices outlined in Utah Administrative Code R647-4-107 and 111:

- Suitable soils shall be salvaged where practicable and safe, and stockpiled for use in reclaiming portions of the waste rock pile;
- Detention basins will be designed and constructed to manage a 100 year-24 hour design storm event including sedimentation through a series of detention basins, outlet structures and piping that report to the existing water collection system permitted under Utah Division of Water Quality (UDWQ). This internal requirement is above state required storm design criteria of 10 year-24 hour design storm event. These basins will be built prior to soil salvage activities and will remain in place post mining to surface water, process water and deleterious materials;

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- Concurrent reclamation will take place as the newly placed waste rock is relaxed to a 2.5:1 overall slope creating a more stable landform than the angle of repose waste rock dump face;
- Suitable soils will be placed on the slope and vegetated with a seed mix of native grasses and forbes adapted to the site specific conditions in order to minimize erosion and promote a more natural looking landform.

A set of South End Drainage Collection System design drawings detailing detention basin enhancements are included with this NOA for the division's records. All basin, outlet structure and piping design are supported through hydrologic and hydraulic analysis.

A cultural resources inventory was completed in August 2014 for the affected area summarized in this notice. The survey concluded that none of the isolated occurrences found within survey area were eligible for the National Register of Historic Places. The survey has been submitted to the division under a separate cover letter.

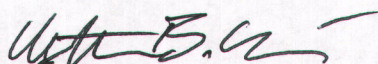
The project is anticipated to begin as soon as September 2014 and anticipated to reach completion in approximately 3 years. Future south dump activity updates of forecasted dates and milestones will be included as part of the quarterly updates currently provided to UDOGM.

RTK is of the understanding that all activities within this NOA are a continuation of mining activities authorized under the Bingham Canyon Mine Reclamation Permit M/035/0002 and are occurring in the areas designated by the permit and do not constitute an amendment to mining activity. Details regarding the activities summarized in this notice will be included in a future update to the mining and reclamation plan on file with the division.

Please contact Thiess Lindsay, Principle Advisor Land Quality, (801) 569-6066 should you have any questions concerning this submittal.

Thank you and your staff for your continued support.

Regards,



Chris Kaiser
Manager - Environment

cc: Leslie Heppler (UDOGM)
Doug Bacon (UDERR)
Dan Hall (UDWQ)

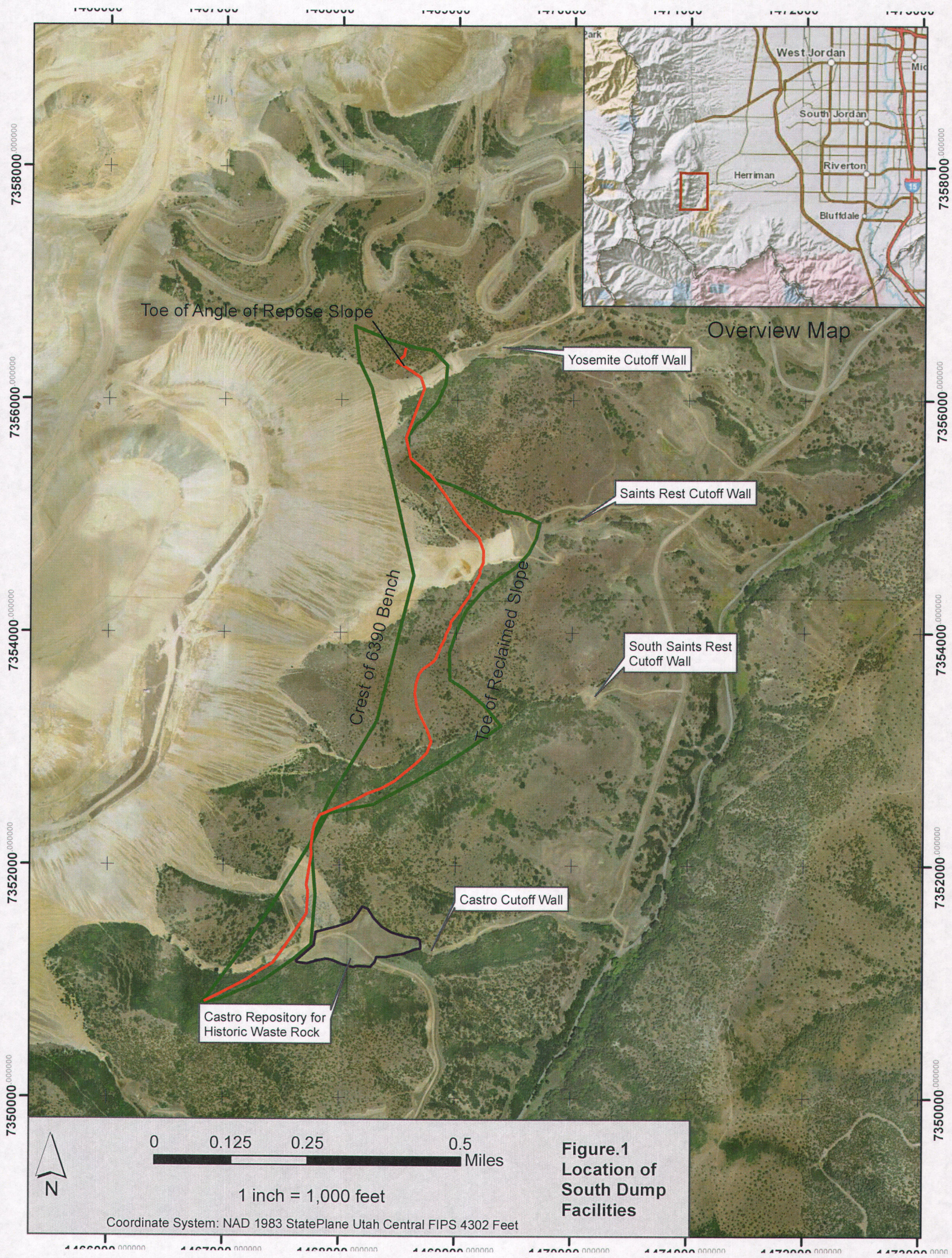


Figure.1
Location of
South Dump
Facilities